

STORM SEWER SYSTEM

Existing Facilities

Selma has approximately 30,200 feet of storm sewer pipe which serves the downtown area and the northeast portion of Selma. These sewers are very limited in their service area and there is no storm sewerage service in the fringe areas of the town. Generally the major part of Selma depends upon natural drainage and surface runoff, through open ditches. The pipe system is composed of the following:

36" pipe	-	5,350 feet
30" pipe	-	850 feet
24" pipe	-	2,000 feet
18" pipe	-	8,850 feet
15" pipe	-	10,900 feet
12" pipe	-	2,250 feet
Open Ditch	-	17,800 feet

Selma has recently completed a very extensive program of reconstructing drainage ditches and enlarging culverts to accommodate maximum storm flooding. This program has eliminated the majority of the town's major problems with surface runoff.

Standards

The storm sewer system should be capable of draining all the streets during the heaviest annual rainfall. It should also drain such areas as parks, schools, parking lots, playgrounds, etc. It must be remembered that when urban development takes place with more and more hard surfaces, runoff will become more and more rapid, potentially overloading the natural drainage areas and causing flooding downstream.

For this reason, the community should be careful about the number of pipes and the quantity of water it is directing to one drainage area.